



FOLSOM—CTENOLEPISMA REDUCTA

A NEW LEPISMID FROM PORTO RICO.

BY J. W. FOLSOM.

(Plate 14, Figs. 1-8.)

The species of *Thysanura* described below was collected by G. W. Wolcott, of the Bureau of Entomology, during his investigations in Porto Rico.

Ctenolepisma reducta new species.

Silvery white dorsally and ventrally; mottled with dark brown scales dorsally; body color brownish yellow. Body elongate (fig. 1); thorax but slightly wider than abdomen, and three fifths as long. Pronotum, mesonotum and metanotum in relative lengths as 10:11:9. Prothorax widest posteriorly. Abdomen almost parallel-sided, slightly narrowed posteriorly. Ninth urotergite one-half as long as the tenth. Tenth urotergite (fig. 2) trapezoidal, with postero-lateral angles rounded, and middle region of posterior margin almost straight, feebly concave. Length of antennae unknown; basal segments as in figure 3. Labial palpi as in figure 4. Cerci and pseudocercus (fig. 5) incomplete. Paramedian ventral processes of female (fig. 5) elongate-conical, each extending about to the middle of the adjacent stylus. Styli (fig. 5) two pairs, on eighth and ninth abdominal segments respectively, slender. Ovipositor (figs. 1, 5) slender, rod-like, in length as in figure 1. The setal combs visible in dorsal aspect (fig. 1) are as follows in number. Pronotum to metanotum, inclusive, 1+1; first abdominal segment, 1+1; second to fifth abdominal, 3+3; sixth to eighth, 2+2; ninth, 0; tenth, 1+1. Of these, lateral combs occur on abdominal segments 1 to 5 inclusive. The setae of the combs in this species are reduced in number. Each dorsal comb (fig. 6) consists of four setae in an oblique line, the seta at each end of the series being filiform and variously curved or bent. The intermediate setae of the comb are probably macrochetæ, but were invariably absent, and are indicated in the figures only by their sockets. Each lateral comb consists commonly of six setae: four macrochetæ between two filiform setae. Ventrally, there are 1+1 setal combs on abdominal segments three to eight, inclusive; each comb (fig. 7) containing four macrochetæ. All these combs are so small as easily to be overlooked; in figure 1, the dots indicating these combs are greatly exaggerated in size.

Scales obovate, oval to orbicular, very finely striated. Serrate setae (fig. 8) occur in 2 clusters on each side of the front (fig. 1). Length: males, 6 mm.; females, 7 mm.

Porto Rico, G. W. Wolcott, collector. Two males and six females.

Syntypes.—Cat. No. 26368, U. S. N. M.

EXPLANATION OF PLATE.

Ctenolepisma reducta.—Fig. 1: Dorsal aspect of female, X 13. Fig. 2: Tenth urotergite of female, X 44. Fig. 3: Basal segments of right antenna, X 76. Fig. 4: Left labial palpus, X 76. Fig. 5: Ventral aspect of abdominal appendages of female, X 44. Fig. 6: Dorsal setal comb from right side of sixth abdominal segment, X 284. Fig. 7: Ventral comb from right side of fifth abdominal segment, X 284. Fig. 8: Serrate seta from front, X 212.

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